24

1944-45 **File No.** 6826/36
III

**B CLASS** P.W. **DEPARTMENT**
J **BRANCH** (II)

---

**Subject:**— Post War Reconstruction Programme.
Irrigation Projects. Gen. Matters relating to—

J (II).

**File No.** 6826/36-III

Etd. Sectt. Slip. 91 A

G.R., G.D., No. 2408, dated 22-6-22.]

Correspondence

# DOCKET SHEET

*Subject :—*

File No. 6826/36 III

P. W. DEPT.

9 BRANCH. (11)

*References :—*

| Date | To whom sent. | Notes and instructions. |
|---|---|---|
| | | |

Post-war Reconstruction.

Ratnagiri District,
Plans regarding rural --in,

Government of Bombay.
Revenue Department.
Resolution No. 9504/39.
Bombay Castle, 1st March 1944.

Government endorsement, No. 9504-H/39, dated the 17th November 1944.

Letter from the Director of Agriculture, No. 212, dated the 22nd January 1944.

Resolution:- Government is pleased to approve the proposals submitted by the Director of Agriculture for carrying out experimental work in the Ratnagiri district on the following projects :-

1. Land Development Projects,
2. Horticultural Development Projects,
3. Livestock Improvement projects,
4. Crop Improvement Porjects,
5. Reclamation of laterite lands,

at Sukivli, Asgani and Savarde villages and on plots of laterite area adjoining Hath Kumba Farm and near Ratnagiri on the Ratnagiri-Kolhapur Road at an estimated cost of Rs. 3,04,400/- (both recurring and non-recurring) over an initial period of 12 months exclusive of any expenditure on land acquisition etc. The Director should submit detailed estimates of expenditure, staff, etc., in respect of each project.

2. The Excutive Engineer, Ratnagiri Division, should investigate the problem of reclamation of creek lands in the Ratnagiri district for cultivation of rice, in consultation with Divisional Superintendent of Agriculture, Konkan Division, and submit his report to Government as soon as possible.

By order of the Governor of Bombay,

A.L.Dias,
Deputy Secretary to Government.

To.....

To

The Commissioner, S.D.,
The Collector of Ratnagiri,
The Director of Agriculture,
The Assistant Director of Recruiting and Chief Civil Liaison Officer, Southern Area, Poona,
The Superintending Engineer, S.C.,
The Executive Engineer, Ratnagiri Division,
The Accountant General (through the Finance Department),
The Public Works Department,
The Finance Department.

---

No. of 1944.

Copy forwarded for information and guidance to

I.B.

Submitted for information.

Id/-
6-3-44.

Item No. 5 of the exp. works mentioned in the G.R. is re. reclamation of laterite lands. The word "laterite" seems to have been wrongly typed instead of "creek", R.D. requested to verify U.O.

Id/-
6-3-44.

u.o.r. to the R.D. dated 7-3-44.

SBS.

## POST WAR RECONSTRUCTION PROGRAMME

Irrigation works from which particular works may be selected by Government.

| Col.No.s: | | CENTRAL DIVISION | | |
|---|---|---|---|---|
| 1 | Serial No. | IIB | IIA | IOA |
| 2 | Scheme | Irrigation | Irrigation | Irrigation |
| 3 | Brief descriptions of scheme | Kukadi-Ghod Project. | Bhima Project | Dhom Project |
| 4 | Area selected for application | Poona, Ahmednagar & Sholapur Dists. | Poona Dist. | Satara District. |
| 5 | Other Deptts. to be consulted | Revenue Department. | Revenue Department. | Revenue Department |
| 6 | Upper staff for: Plans & estimates | The joint note of the Secretary and the Additional Secretary P.W.D. may please be referred to. No exact details can be given at this stage. | | |
| 7 | Upper staff for: Execution | | | |
| 8 | Lower staff for: Plans & estimates | | | |
| 9 | Lower staff for: Execution | | | |
| 10 | How staff to be obtained. | | | |
| 11 | Period over which the scheme is to be spread | 15 years | 9 years | 9 years |
| 12 | Rough estimate of cost: For the whole period | Rs. 622 lakhs * | Rs. 187 lakhs * | Rs. 144 lacs. * |
| 13 | at existing rates.: For the first 5 years period | ----- | 3.5 crores | ----- |
| 14 | Recurring | - - - - not worked out - - - - | | |
| 15 | To What extent is the: Productive | 1.71 % | 2.89% | 4.00 % |
| 16 | Scheme: or cost recoverable | -- Cost not recoverable -- | | |
| 17 | What particularly applicable soldiers. | -- Some skilled hands can be employed - | | |
| 18 | Labour supply skilled & unskilled. | - Local skilled and unskilled labour can be available only. Mechanisians may have to be obtained from non-local sources, though within the Province. | | |

Note:- (1) The cost of works against which * mark is made makes a suitable allowance for post-war const., as these schemes were made out long ago.

19.....

| Col.No.s: | | CENTRAL DIVISION | | |
|---|---|---|---|---|
| 19 | Details of materials- | Abroad :-- See list attached to the previous -- statement. | | |
| 20 | machinery etc | Locally: The representatives of foreing companies in this country will deliver the -- machinery in India | | |
| 21 | Remarks. Time for preparation of Projects and plans & estimates | 3 years | 2 years | 2 years |

Below U.O.R. dated 21st October 1943 from the Public Works Department.

There are a few general points touched on in the noting that require notice.

(1) The Beale report was a report on the best protective works. It did not look at the problem primarily from the productive points of view. The problem now is much the same, but the point is of importance in considering my main recruiting area i.e. Satara and also to a less extent Belgaum. I will come back to this point.

2. Hydro Electric Schemes. Is it proposed to use our present main Ghat irrigation tanks and our proposed ones as a help towards out hydro electric system. The point is of some importance in coming to a decision on the sites to be selected.

3. A(F)'s para 8 -Perennial and seasonal irrigation schemes. The point has been examined in the past and has been considered individually in the case of many of these schemes. The decision will often depend on almost purely engineering and economic factors. But it is desirable to lay down a policy where that is possible withing limits. Mr. Hill has discussed the point in his review on this report, but there have been later discussions, which I am unable to refer to and it is desirable that the P.W.D. Secretariat should get the arguments together to enable Government to decide. The main issues were:-

A. In favour of perennial.

(1) Economic. The great advantages to the farmer of mixed irrigations and the desirability of having a part a money or concentrated crop.

(2) Financial Much more reliable returns. Costs Government considerably lower. E.g. a canal that has to take off the same (or approximately the same) volume of water during 4 Rabi months has to be considerably wider and considerably longer.

(3) Loss in evaporation in such.

B. In favour of seasonal.

(1).....

(1) A(F)'s reasons: the basic necessity of increased food crops natural to the area- wheat and juar.

(2) Effect on old and new well cultivation; Seasonal tends to increase this cultivation. Pernnial to decrease.

(3) Possibility of using the bed of the storage area as Galper lands. Has the immediate if only partial effect of reducing the agitation of the owners of the requisitioned lands. It seems to me in any case that a planned development is necessary and that we should decide which schemes are suitable for perennial irrigation and which are for seasonal. E.g. the Mula (Nagar) with its storage back in the hills and a comparatively limited area to be irrigated should be definitely perennial, while the Kukri certainly (and possibly the Bhima) with storage further out in the plains and with an almost unlimited area to be irrigated should be planned as seasonal. The Girna on the whole should I think remain perennial as proposed. We are short of the normal perennial crops in this Khandesh area. A decision in this matter with a view to balanced economy for the whole province which A(R) is thinking of will of course be influenced by what is to be done regarding Mr. Hill's nonprotective schemes nearer the Ghat area which must now be considered in the case of Satara for instance even though they are not as productive as we would normally require.

4. The Khadakwasla and the Vir projects are being examined separately and plans and estimates therefore will be submitted without the assistance of the Special Engineer and my remarks on that issue are probably not necessary at this stage. But the Chief Engineer's noting on this point does I think make it necessary to emphasize again as did in my letter on this subject previously (No. of March 19th 1943) that there can in my opinion be no question that Khadakwasla is the first scheme that must be taken up. As I pointed out in that letter the Mutha Canal Irrigation far from progressing is now receding and we are for all practical pureposes back to the area of the effluent irrigation instead of being as we were a few years ago

several.....

several miles below. Our Rabi and even our kharif area has also been restricted . Mr. Daftary is probably aware of this fact, but his remarks suggest that he has misunderstood the nature of the scheme. The new storage was ordinally intended for a canal to supply the area right down to Indapur: in other words an area of probably 80 miles new irrigated country. I doubt if, with our present ideas regarding length of canals and the very considerable draw off at the head of this canal and the great claims of this area for an increased perennial area relative to the non perennial, we shall be able to supply an area further than Bhigwan at the outside and possibly not as far as that. But even this brings in a very considerable a new area extending from the west of Patas right round the hills through Dhond which was and is a good recruiting area, is bad famine area and an area very suitable for re-settling soldiers.

The Vir scheme is not so satisfactory a scheme but it is also necessary if we are to bring the Nira system up to the mark. Here again Mr. Daftary has, unless the whole foundation of the scheme has been changed, missed a very important point that is the extra area that will be brought under this canal system, although in the case of the right bank possibly under the present canal. In the case of the left bank for instance the whole of the area of Indapur Taluka under this canal extending right out to the Bhima, which is in the very heart of the worst scarcity area, will be supplied if we can get extra water. Also there are many areas under the present Nira Right Bank Canal, which we can supply and which with our present shortage of water we cannot supply even in kharif. These remarks are made on the assumption that the old long canal which was intended to be run down to the end of Sangola has been abandoned. If it has not, of course this will bring in another area in Sangola, which is as bad as Indapur from the scarcity point of view and even better than Indapur from our recruiting point of view.

To.....

To consider any of the other schemes until these two existing schemes are dealt with would I think be judged by everyone acquainted with the problem absurd. The schemes are financially and economically, (that is more easily fitted into the economy of the area) than any other single scheme. Nor do I think Mr. Daftary's somewhat defeatist attitude regarding Bhor is justified. The whole trend of opinion some years ago was that Native States occupying the sources of irrigation schemes like this must not be allowed to hold up the progress of the country and this trend has I think strengthened very considerably in the last few years, partly at any rate by the very outspoken views of the Congress party when in power. The Government of India will certainly not fail to support such a proposal and I doubt very much if Bhor in these circumstances will be so adamant as Mr. Daftary anticipates, at any rate in the case of the comparatively valueless hill villages that will be affected by the Khadakwasla scheme. As I see the position the schemes are essential the removal of the obstructions will take some time and Government should therefore move in the matter without avoidable delay.

New Scheme.

As for the new schemes that require to be re-examined at once by the Special Engineer, there would have been no doubt which of these would be placed number one a few years ago the Mula (Nagar) scheme. It is to be recommended from every point of view: financially sound, the old type of scheme that we have had considerable experience in and I understand a comparatively easy irrigation scheme. Its storage is up in the hills and the lands flooded are not extensive or valuable. It supplied an area that is still very prevarious and that has done exceptionally well considering where it started from in recruiting and war work generally. It is in the immediate neighbourhood of the Pravara system, but that has the advantage that it should make it comparatively easy to develop.

The.....

.....

The Kukdi (Ghod) scheme however even in pre-war days would have run this a very close second. It opened up entirely new country, while the Mula Scheme meant sinking more capital in an area that had been very favourably treated by Government already by the construction of the Pravara system. The new area also that it supplied was an area particularly liable to famine and right in the centre of the worst famine belt. In the original idea it was a huge scheme (extending from Junnar through Parner and Shrigonda to Karmala) and would make any real famine problem impossible and any scarcity problem in the C.D. extremely local and otherwise limited. There is an added argument now in favour of this scheme. With the exception of Satara it supplies an area that is our best recruiting area in the Deccan and should be a favourable area from this point of view as well as others for soldiers ~~xxx~~ re-settlement.

Next I should put the big Girna Scheme. This also affects an area that is badly in need of irrigation and is about the only area in the old Khandesh where we have not got a comparatively reliable rainfall. It covers the whole bad area of Parola and the neighbouring bits of Dhulia Chalisgaon and Erandol. This area has also done well from the recruiting point of view considering the almost complete vacuum that we started from. It has also got appreciable area still open to development and should offer a good foundation for soldier resettlement.

I do not know what is the present position regarding the raising of the Chankapur Dam sypplying parts of Malegaon Taluka. When this work is taken in hand it should add to the reliability and desirability of this scheme and reduce any of the objections to which it is liable.

The Bhima scheme should be taken up by the Special Officer at the same time as the Ghod ~~Kukdi~~ Kukdi scheme. It is a most promising scheme if it could be carried out as Mr. Hill envisages it, but there will probably be so many difficulties in keeping the canal at the high level that

he wanted, that I doubt if it will serve any area outside the western portion of Sirur Peta which is precarious, but not in the real famine tract. On the other hand if it can be kept to the level that Mr. Hill intended it will serve a most depressed area even the Sawkar has gone poor and has had to cultivate his own lands-- the results of abolition of the Cantonment years ago and the fact that it is in the really bad famine belt. This area round Sirur is one of our oldest and still one of our best recruiting areas.

There is no other big protective scheme that approaches the above in order of merit or priority. The Chief Engineer has discussed the Koyna Scheme and that is the only one therefore I will remark on. The whole basis of this scheme appears to be too much in the air at present to be worth considering as a part of the present proposal. In the first place there is the point raised by A(R) about the Koyna Hydro-electric scheme. Presumably this will be the usual Tata Hydro-electric scheme: in other words that the flow of water will be out west over the Ghats. This is the only such scheme that I am aware of in this area, and I presume therefore that it will not be sound to lose the extra head for developing electric power given by the fall over the Ghats. If this is so, it cannot be a hydro electric scheme combined with the old Beale irrigation scheme. This need not of course effect the old Beale Irrigation Scheme. This is a heavy rainfall area and the catchment area is presumably of sufficient extent to supply two tanks of the necessary storage capacity. The Tata tank also is usually a tank that has to be very far up towards the source of the river sufficiently near the Ghats to allow of an economic use of the water through the ridge while the proposed Beale tank was much lower down the valley in the neighbourhood of Helwas itself. The Koyna development will therefore I presume ultimately be a scheme of two tanks and this is how I understand the Chief Engineer's noting of a large scale pumping scheme based (1) on electricity and (2) on a great perennial supply of water. If this is the scheme, then very clearly we have to get the

electricity.....

electricity side planned and developed first. The scheme in short requires through re-examination from the foundation.

On the other hand the scheme in my opinion holds out such promise for the future that I do not think we should attempt to encroach on it for the purposes of minor schemes like helping the Krishan Canal which is in any case a thoroughly unsatisfactory scheme even without the difficulty that much of the extra area that would be irrigated would be State area that it would offer peculiar difficulities in the direction of soldiers resettlement (Ch. Engineer's views on this point under the Muths and Nira particularly applicable here).

This would bar works out of these protective schemes in Satara district, which is the first district in the province for recruiting and quite outstanding in war work generally (and also in the Belgaum area, which is now doing so well) and brings us back to Mr. Hill's ideas regarding "productive" concentrated perennial irrigation schemes based on large storage tanks to supply limited areas within close distance of the Ghat rainfall. The only one of these schemes unfortunately that I have heard of that has been examined in any kind of detail is the Dhom scheme on the Krishna above Wai and this should certainly be included in the works that the Special Officer should investigate and work up. Otherwise as far as Satara District is concerned I can only suggested our getting the Nira system put in order as soon as we can to take off the weight from the Bhaswad system and allow us to proceed with several Minor Irrigation Works in the Man Pata which requires this badly and is very well situated for them (some bandharas here are particularly promising). The S.E. C.C. might in anticipation of the Nira being dealth with as above be asked to pur on a special officer under the Executive Engineer Satara (which is not a heavy division) to re-examine all the Man schemes and to see if anything further can be done in the Yerala valley and the Koregaon part of the Krishna catchment area.

In.....

In conclusion my views on the priority that should be given to these schemes are as follows:-

(1) Khadakwasla - the Mutha extension scheme.

(2) Vir - the Nira extention scheme.

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Schemes that should be re-examined by the Special Engineer with a view to their being proceeded with without delay.

(3) The Mula (Nagar)
(4) The Kukdi (Ghod)
(5) The Girna scheme.
(6) The Bhima
(7) The Dhom.

With a special officer (preferably I think under the Executive Engineer Satara) to re-examine all the Man Minor Irrigation Schemes of Mr. Lowsley etc.

The Commissioner S.D. might be consulted with a view to a similar appointment for Belgaum Dodal and Mr. Hill's concentrated.

Poona, Novr. 12th 1943.

Sd/-
Commissioner, C.D.

U.O.R.No.I.R.R.2/- to the Secretary to Government, P.W.D.

(True Copy).

Sd/-

P.W.R.B. 6826/36
25565

Submitted.

2. For the reasons stated in his letter within the S.E.,P.C., reports, that the Commr., C.D., has suggested that the marginally noted major irrigation projects may be investigated and included in the Post-War Reconstruction Programme of this Province. The S.E. wants orders of Government on the Commr's suggestion.

1.*Kukdi(Ghod) Project
2. Dhom Project

3. The position is that out of the 115 Post-War Reconstruction Schemes communicated to the Reconstruction Committee of Council of the G. of I., P.W.D. sponsored scheme No. 76 details the irrigation projects proposed to be taken up as a Post-War Reconstruction measure. This scheme includes 23 irrigation works estimated to cost Rs. 18.87 crores in the aggregate. Out of these 23 works, works costing Rs. 14 crores in all are to be selected for being carried out during the Post-War Reconstruction Programme Period of 15 years. The distribution of Rs. 14 crores amongst the three Divisions of this Province is assumed for the present as under:-

| | |
|---|---|
| Central Division... | Rs. 6 crores. |
| Northern Division.. | Rs. 5 " |
| Southern Division.. | Rs. 3 " |
| | Rs. 14 crores. |

Estimated at Rs.inlacs.
1.Gangapur Project--82 "
2.Girna Project-400 "
3.Mula Project-396 "
1.Vir Dam Project-167 "
2.Khadakwa-sla Project-215 "

4. So far as the Central Division is concerned it has already been decided to take up the *marginally noted works for detailed investigation and surveys are in hand. In addition to these works the @marginally noted projects are also most likely to be taken up as Post-War Reconstruction works, if and when the Bhor Darbar whose lands are affected by these schemes becomes agreeable. Further the work of constructing an Irrigation Tail Tank between the villages of Tisangi and Sonake, District Sholapur, on Desty. No. 3 of Bch. No. III of the Nira Right Bank Canal, estimated to cost Rs. 20,95,346, has already been administratively approved....

approved as a P.W.R. measure to be taken up in the 1st five year period. The S.E. P.C. has also been asked to submit in fair plans & estimates for the works of raising the Chankapur Dam by 3ft. which is to be taken up as a P.W.R. Work.

5. The two works, viz, (1) Kukdi (Ghod) Project and (2) Dhom Project now suggested by the Commr., C.D., and reported by the S.E.,P.C., for inclusion in the P.W.R. Programme do not find place in the P.W.D. sponsored scheme No. 76 referred to in para. 3 above. This is because the S.E. did not include them in the list as that list contained works costing over Rs. 18 crores against a proposed expenditure of Rs. 14 crores. As regards the Dhom Project the S.E. had later on proposed that it should be taken up for detailed investigation as a P.W.R. work. He was then informed as under:-

"Regarding the Dhom Project it is observed that an extension of the Krishna Canal System would be chiefly to the advantage of minor Deccan States; in addition the lands in that area are already very fertile; moreover, if the Koyna Valley Project which is to be considered in connection with the Grid System of Electricity, materialises as a combined Irrigation and Electricity scheme it would be possible to feed the Krishna Canal from it... In the circumstances the Dhom Project need not be investigated at present."

Subsequently on a further representation from the S.E. in the matter he was informed that it was not considered necessary to take up the project for detailed investigation at present as looking to the number of irrigation works in the C. Division selected for detailed investigation as P.W. Irrig ation Schemes there was already a heavy programme for the area, having regard to the staff and other administrative facilities, and as the Dhom project proposed for irrigating the area between Wai and Satara had no outstanding points in its favour. He was, however, informed that investigations should be made as to the nature and suitability of the foundations at the dam-site so that it might be known at any future

date.....

date whether the scheme was feasible or not and he was also asked to submit a survey estimate for carrying out this investigation the idea was that in carrying out this investigation the staff might not have to spend time which could be devoted to pushing the investigation of other projects already selected.

6. There would be no objection to include the two works now proposed by the S.E. in the P.W.R. programme in view of the last para of G.L., R.D., No.9681-J/39, dated the 5-8-44 addressed to the Secy. R.C. of Council of the G. of I.

7. In the circumstances, orders are solicited as to whether the S.E.'s suggestion to include in the P.W.R. Programme and to take up the Kukdi-Ghod Project and the Dhom Project for detailed investigation may be approved or negatived.

Id/-
30-9-44. Thro' I.B. & A.E.(1).

8. A programme of 6 crores is suggested for the Central Dn. for the Post War Irrigation Development. Against this we have already at present under investigation works estimated to cost nearly Rs. 13 crores (including Tisangi already approved). If there is no prospect of finding a substantially enhanced amount for the Post War Irrigation Scheme for the Province there does not seem enough reasons to add two more major schemes to the already heavy list in the Central Division.

9. Of the two works suggested by the S.E.P.C. Dhom was already considered twice. No new arguments are forwarded at this stage.

10. On the other hand, as far as can be seen at present, we will probably need suggestions of more works in the Southern and the Northern Divisions. Don in the Southern Dn. will probably have to be abandoned due to Salinity of the supply. We do not know yet about Asoga for which foundations are under study. For the Northern Dn. the works included in the P.W.Irrigation Scheme aggregate to Rs. 5,25 crores against an assumed allocation of 5 crores. Some more works will the

therefore.....

herefore need to be kept in view in this Dn. if some of
ose already selected have to be dropped for technical
other reasons.

/-
-10-44.

The schemes in question may not be included in the P.W.R. programme until those already decided on are investigated. It is better to concentrate the available staff on the schemes in hand than to scatter it over additional schemes and prolong the investigations.

Id/- Secy.(I).

I agree, I would not recommend including any further schemes for the C.D. at present, already we have for investigation in that Division works per exceeding the funds proposed or likely to be available and it is far more necessary to get down to schemes for the Southern and the Northern Divisions.

Id/-
9-10-44.

A(R).

I agree.

I am hoping we can push a N.C. scheme as rapidly as possible, as I should like to include at least the Meshwa project.

Id/-
11-10-44.

accdly.

Id/-
12-10-44.

6826/36

No. 6826/36-R. P.W.D.
B.C., 23rd Sept. 1944.

To

The S.E.P.C.

Subject:- Post-War Reconstruction Programmes - Selection of the Kukdi (Ghod) and Dham Projects investigation and inclussion in the -

Reference:- Your letter No. 1934, dated the 18-8-44.

2. I am directed to inform your that Government does not consider it desirable to include any further schemes in the Post-War Reconstruction Programme until those already decided in have been investigated. It is better to concentrate the available staff on the schemes in hand than to scatter it over addl. schemes and prolong the investigations.

3. As it is, irrigation projects far exceeding the funds proposed or likely to be available are already under investigation in the Central Division and it is far more necessary to get down to the schemes for the Southern and the Northern Divisions. In the circumstances your proposal to include the Kukdi(Ghod) and Dham Projects in the P.W.R. Programme and investigate there is not appd.

4. You are further informed that Government considers it desirable to push on irrigation schemes with the Northern Division as rapidly as possible and to include at least the Meshwa Project.

Id/-
16-10-44.

By order of the G. of B.

D.A.-Nil.

Copy forwarded to the Commissioner C.D. with paper to the S.E. P.C.'s endt. No. 1934, dated the 18-8-44,
for information.

Copy.....

26
23

Copy forwarded for information to the Executive Engineering Irrigation Projects Division (South) in continuation of G.E. No. 6826/36-R, dated the 4-10-44.

Id/-
16-10-44.

Id/-
19-10-44.

41/21

Progress on the Surveys and Preparation of Irrigation Projects in Irrigation: Projects Dn. (South), Poona.

--- 20th March 1945 ---

1. MULA PROJECT :

Survey of Dam site and contouring on the Left Bank is completed. Contouring on the Right Bank is in progress.

Fixing of gauges at Tas is completed.

2. GIRNA PROJECT :

Survey of the Dam and waste weir sites is approaching completion. Contours at R.L. 1253.78, 1273.78 & 1283.73 are completed and at R.L. 1293.78 is in progress.

Preliminary survey for canal alignment is also in progress.

3. GANGAPUR PROJECT :

Survey of Dam site (with one alternative site) is completed.

Boring work at Dam site is in progress. 3 bores have been completed.

Canals survey practically completed -- (69 miles of Right Bank and 38 miles of Left).

Survey of Tail tank on G.R.B.C. is begun.

4. GADDIKERI FEEDER CHANNEL :

Survey work is in progress. It will be completed during this month.

5. SHIVYOGMANDIR :

Report from the Geological Survey is awaited; on its receipt the Survey will be started.

6. ASOGA PROJECT :

Estimate for taking bores is received in this office and is being scrutinized for submission to Government.

7. TAIL TANK AT TISANGI :
8. RAISING THE CHANKAPUR DAM :
9. VIR DAM :
10. NEW DAM AT KHADAKWASLA :

Could not taken in hand for want of establishment.

Proposal for taking up these projects in hand after the temporary suspension of the Mula Project has been submitted to Govt. and orders are awaited.

No information regarding the Irrigation Project of the Ramdurg State, is received in this office.

Sd/-
19-3-45

Superintending Engineer,
Project Circle.

SBS.

24

See note re. progress of irrigation survey given to me by S.E. Project Circle.

2. I was astonished to find that, although we had obtained the concurrence of Bhor some time ago, S.E. was still awaiting Government orders as to whether he should proceed with the survey of the Vir and Khadakwasla Projects. It will be recollected that we practically 'besought' the Bhor State to give concurrence, so that we could start work immediately from the beginning of November, and proceeded to issue several reminders when that concurrence was not received. I am afraid, therefore, that the subsequent delay may create an impression with that State that after all the matter was not so serious. I asked S.E. to proceed immediately with Vir in anticipation of formal orders ffom P.W.D. and he agreed to issue orders ~~from P.W.D.~~ next day. This means that he will have to take sufficient staff off the Mula and Girna Projects in the meantime. He hoped that he would be able to complete the Vir survey before the monsoon. Its completion is also essential so as to get on with the hydro-electric scheme at Bhatgar. Mr. Kale said he could not immediately get on with the Khadakwasla Scheme, but I also enjoined on him the necessity of doing so as soon as possible, so that we should not be placed in a ridiculous position vis-a-vis the Bhor State.

' Is this cancel? I ' do not think so Id/- 26-3-45.

Id/-
24-3-45.

Secy. P.W.D. (I).

Under Secy.
Please see to this early & note on points raised, surely orders to get the ~~mk~~ with the survey were issued.

Id/-
26-3-45.

SBS.

41/21

Progress on the Surveys and Preparation of Irrigation Projects in Irrigation: Projects Dn. (South), Poon-a.

--- 20th March 1945 ---

1. MULA PROJECT :

Survey of Dam site and contouring on the Left Bank is completed. Contouring on the Right Bank is in progress.

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Preliminary survey for canal alignment is also in progress.

3. GANGAPUR PROJECT :

Survey of Dam site (with one alternative site) is completed.

Boring work at Dam site is in progress. 3 bores have been completed.

Canals survey practically completed -- (69 miles of Right Bank and 38 miles of Left).

Survey of Tail tank on G.R.B.C. is begun.

4. GADDIKERI FEEDER CHANNEL :

Survey work is in progress. It will be com-pleted during this month.

5. SHIVYOGMANDIR :

Report from the Geological Survey is awaited; on its receipt the Survey will be started.

6. ASOGA PROJECT :

Estimate for taking bores is received in this office and is being scrutinized for submission to Government.

7. TAIL TANK AT TISANGI :
&
8. RAISING THE CHANKAPUR DAM :

Could not taken in hand for want of establishment.

9. VIR DAM :
10. NEW DAM AT KHADAKWASLA :

Proposal for taking up these projects in hand after the -- temporary suspension of the Mula Project has been submitted to Govt. and orders are awaited.

No information regarding the Irrigation Project of the Ramdurg State, is received in this office.

Sd/-
19-3-45

Superintending Engineer,
Project Circle.

SBS.

Letter.

No. 1496 - of 1945.
Project Circle Office.
Poona: 19th April 1945.

To

The Chief Engineer & Secretary to Govt.,
Public Works Department, Bombay.

--Post War Programme of Irrigation Works:
Vir and Khadakwasla Dam Projects.--

Reference: Continuation of this office No. 1420 of 11.4.1945.

The staff so far engaged on "Mula" Project has been shifted to Vir and has commenced work on that Project from 6.4.1945 B.N.

2/- In view of the fact that job assigned to Irrigation Sub-Divisions are likely to be changed often,-as in the present case- I propose to name this new Sub-Division as "Irrigation Projects Sub-Division No. 5".

3/- If this is not approved it may be named after the Project it is meant to handle i.e. Vir Project Sub-Division.

Sd/-
18-4-45.

Captain, A.I.R.O.,
Superintending Engineer,
Project Circle.

Copy to the Executive Engineer, Irrigation Projects Division (South), Poona with reference to his No. 55/16 of 9-3-1945.

SBS.

24

No. 6826/36-R. Public Works Department,
Bombay Castle, 18th May 1945.

To

The Superintending Engineer,
Project Circle.

Subject:-Vir Dam Project.

Reference: Your letter No. 1548, dated the 25th April 1945.

2. You are permitted to incur an expenditure on the survey in connection with the preparation of the Vir Dam Project in anticipation of Government sanction to the survey estimate. In such cases, where a full estimate is likely to take long for preparation and submission a "Partial or Preliminary" Estimate can and should be submitted in order to regularise the procedure.

3. A source to meet the expenditure will be pointed out on receipt of application for funds required during the current year.

By order of the Governor of Bombay,

Sd/-

Secretary to the Government of Bombay,
Public Works Department.

D.A.-Nil.

Copy forwarded to:-

the Finance Department,
the Accountant General, Bombay,
(through the Finance Department,)

for information.

SBS.

Enhanced
29 6 36